

EXPERIENCE / INTERNSHIPS

June 2019	<div><div>●</div><div><b>NTPC Limited</b> Industrial Training at NTPC Simhadri<ul style="list-style-type: none"><li>Studied different methods of producing power.</li><li>Learned different cycles involved in generating electrical energy.</li><li>Went through the detailed working of power plant.</li></ul></div></div>
March 2019	<div><div>●</div><div><b>PRATT &amp; WHITNEY</b> Design and testing of Aircraft Engines<ul style="list-style-type: none"><li>Underwent a training program by Pratt &amp; Whitney at Shiv Nadar University</li><li>Studied about construction, maintenance and testing of different aircraft engines</li></ul></div></div>
2018 – 2019	<div><div>●</div><div><b>ASME COLLEGIATE CLUB</b> Treasurer<ul style="list-style-type: none"><li>Mentored a team of students for ASME Student Design Competition</li></ul></div></div>

EDUCATION

2017-2021	<div><div>●</div><div><b>Shiv Nadar University</b> Major in Mechanical Engineering with specialization in Energy Technology Minor in Electrical Engineering CGPA : 8.21</div></div>
2015-2017	<div><div>●</div><div><b>FIITJEE Junior College</b> Board of Intermediate Education A.P Overall Percentage: 96.2</div></div>
2014-2015	<div><div>●</div><div><b>KKR's Gowtham School</b> Board of Secondary Education A.P CGPA : 9.3</div></div>

PROJECTS / COMPETITIONS

Aug 2020- May 2021	<div><div>●</div><div><b>Thesis Project</b><ul style="list-style-type: none"><li>Analyzing the performance of double slope solar still coupled with parabolic dish solar concentrator.</li><li>Submitted a paper for publication in Journal 'Energy Sources'.</li></ul></div></div>
Aug 2020- Dec 2020	<div><div>●</div><div><b>Mechatronics Project</b><ul style="list-style-type: none"><li>Designed a low-cost ventilator using pneumatic circuits and wrote a code for micro controller in Arduino IDE.</li></ul></div></div>
Jan 2020- Mar 2020	<div><div>●</div><div><b>Robotics Project</b><ul style="list-style-type: none"><li>Made a line follower robot with obstacle detection using IR sensor.</li></ul></div></div>
Aug 2019- Dec 2019	<div><div>●</div><div><b>CAD-CAM Project</b><ul style="list-style-type: none"><li>Designed a model of Glock 17 and 17L pistol using Solidworks and wrote CNC code for 3D modelling of gun barrel.</li></ul></div></div>
Aug 2018- Dec 2018	<div><div>●</div><div><b>Design Project</b><ul style="list-style-type: none"><li>A detachable trolley to carry heavy boxes is designed and fabricated.</li></ul></div></div>

SKILLS

Solidworks	●●●○○○
AutoCAD	●●●○○○
ANSYS	●●○○○○
MATLAB	●●●○○○
Arduino IDE	●●○○○○
C language	●●○○○○
Microsoft Office	●●●○○○
Design Thinking	●●●○○○

HONOURS/AWARDS

Secured gold medal in  
National Science Olympiad

CERTIFICATIONS

- AutoCAD Mechanical- Internshala
- MATLAB- Vanderbilt University- Coursera

HOBBIES & INTERESTS

- Volunteering
- Travelling
- Photography
- Music
- Manufacturing
- Renewable energy

PERSONAL INFO

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